Amendments to the Specification:

Please replace paragraph [0029] with the following:

After having read the position at the third wedge **324**, the read/write channel **146** writes a burst pattern, such as burst 'A', in the track that the write element **306** is positioned over at write operation **206**. For example, when the reader **308** is positioned on track boundary k-5 to read the third wedge **324**, the writer **306** writes 'A' bursts for the first servo wedge **320** and second servo wedge **322** on the track defined by track boundaries k and k+1 of either the sector position **302** or sector position **304** depending upon the direction of rotation of the disc **108**. On a preceding or subsequent track, the 'B' burst would be written for the servo wedges **320**, **322** as shown for the track defined by boundaries k+1 and k+2. Thus, write operation **206** alternates the particular guide wedge to be written from one track to the next. Write operation **206** also writes the fourth servo wedge ~~235~~ **325** at a time other than when the first wedge position **320**, second wedge position **322**, and third wedge position **324** are under head **118** so that the radially continuous fourth servo wedge **325** is available for track following during normal operation.

Please replace paragraph [0035] with the following:

After reading the second servo wedge **322**, servo wedges three **324** and one **320** are written at write operation **224**. However, either wedge three **324** or wedge one **320** will be written first in the next adjacent sector during this iteration depending upon the directional rotation of the disc **108**. Thus, the first sector of this track where wedge two **322** is read will become the last sector to write to because either wedge one **320** or wedge three **324** or the fourth radially continuous wedge **325** of the first sector of this track will not yet have been written, depending upon the rotational direction. As shown,

the 'B' burst is written for the outermost track of set **314**. As discussed above, write operation **224** writes a fourth radially continuous servo wedge **325** for each sector of each track that is later used for track following during normal operation.

Please replace paragraphs [0042-0049] with the following:

In conclusion, an embodiment of the present invention may be viewed as a method (such as **170**) of servowriting in a disc drive (such as **100**) having a head (such as **118**) with an offset between a read element (such as **308**) and a write element (such as **306**). The method involves, a) during an instance of a first sector position (such as **302**) passing by the head, reading (such as **202**) a ~~first~~ third servo wedge (such as **324**) on a first track (such as k-5) with the read element. The method further involves, during the instance of the first sector position passing by the head, and not during reading step (a), writing (such as **206**) ~~a second (such as 322) and third servo wedge (such as 320)~~ one or more servo wedges (such as 320, 322, 325) on a second track (such as k\k+1) with the write element.

The method (such as **170**) may further involve, (c) during one revolution of a disc (such as **108**) of the disc drive (such as **100**), repeating reading step (a) (such as **202**) and writing step (b) (such as **206**) for all sector positions of the track (such as k\k+1). The method may further involve, (d) prior to reading step a) and writing step b), writing (such as **160**), with a Servo Track Writer, servo wedges for a number of adjacent tracks (such as **310**) greater than or equal to the offset between the read element (such as **308**) and write element (such as **306**). ~~The method may further involve, (e) during the instance of the first sector position passing by the head, and not during reading step a) or writing step b), writing (such as 206) a fourth servo wedge 325.~~ The method may also further involve f) recording (such as **204**) a head position determined from reading step a) relative to an ideal track center.

In the plurality of sectors (such as 304) other than the first sector (such as 302) the third ~~The first~~ servo wedge (such as **324**) may be read before the ~~second~~ first (such as ~~322~~ **320**) and ~~third~~ second servo wedges (such as ~~320~~ **322**) are written~~, such as where the read element 308 reads the servo wedge 324, which may be considered the first servo wedge in this context, and writer 306 writes the servo wedges 320 and 322~~. The

~~first~~ second servo wedge (such as **322**) may be read after the ~~second~~ first servo wedge (such as ~~**324**~~ **320**) is written but before the third servo wedge (such as ~~**320**~~ **324**) is written~~, such as where the read element **308** reads the servo wedge **322**, which may be considered the first servo wedge in this context, and writer **306** writes the servo wedges **320 and 324**~~. The first servo wedge (such as **320**) may be read ~~after~~ before the second (such as **322**) and third servo wedges (such as **324**) are written~~, such as where the read element **308** reads the servo wedge **320**, which may be considered the first servo wedge in this context, and writer **306** writes the servo wedges **322 and 324**~~. In an opposite direction of the disc (such as 108) these orders are reversed.

~~The reading step (a) (such as **202**) may involve a)(1) reading the first servo wedge (such as **324**) before the second (such as **322**) and third wedges (such as **320**) are written, a)(2) reading the first servo wedge (such as **322**) after the second servo wedge (such as **324**) is written but before the third servo wedge (such as **320**) is written, or a)(3) reading the first servo wedge (such as **320**) after the second (such as **322**) and third servo wedges (such as **324**) are written.~~ The method (such as **160**) may further involve (g) finding (such as **218**) a head offset, (h) performing reading step a) (such as **202**) and writing step b) (such as **206**) for all the sector positions on a track according to either reading step a)(1), reading step a)(2), or reading step a)(3), (i) seeking (such as **210**) the head (such as **118**) one track, (j) repeating performing step (h) and seeking step (i) a set of repetitions equal to the head offset, and (k) repeating step (g) through step (j) for all tracks using reading step a)(1), reading step a)(2), or reading step a)(3) but not the reading step a)(1), reading step a)(2), or reading step a)(3) used in an immediately preceding two sets of repetitions.

An embodiment of the present invention may also be viewed as a disc drive (such as **100**) that writes servo wedges (such as **320**, **322**, ~~and~~ **324** and 325). The disc drive includes one or more discs (such as **108**) having a plurality of tracks divided into a plurality of sector positions (such as **302**, **304**). A head (such as **118**) has a read element (such as **308**) and a write element (such as **306**) separated by an offset. A read/write channel (such as **146**) is in electrical communication with the read element and the write element. During an instance of a first sector position (such as **302**) passing by the head, the read/write channel reads a ~~first~~ third servo wedge (such as **324**) on a first track (such as k-5) with the read element, and during the instance of the first sector position passing by the head and not during reading of the first servo wedge, the read/write channel

writes a ~~second~~ first (such as ~~322~~ 320) and ~~third~~ second servo wedge (such as ~~320~~ 322) on a second track with the write element.

During one revolution of the one or more discs of the disc drive, the read/write channel (such as **146**) may repeat reading the ~~first~~ third servo wedge (such as **324**) and writing the ~~second~~ first (such as ~~322~~ 320) and ~~third~~ second servo wedges (such as ~~320~~ 322) for all sector positions (such as **302, 304**) of the track. At least three servo wedges (such as **320, 322,** and **324**) may be located in each sector position for a number of adjacent tracks (such as **310**) equal to the offset between the read element (such as **308**) and write element (such as **306**). During the instance of the first sector position (such as **302**) passing by the head (such as **118**), and not during reading of the ~~first~~ third servo wedge or writing of the ~~second~~ first and ~~third~~ second servo wedges, the read/write channel may write a fourth servo wedge (such as **325**) for the first sector position.

The disc drive (such as **100**) may include memory (such as **143**) in electrical communication with the read/write channel (such as **146**), and the memory records a head position relative to an ideal track center determined from the read/write channel reading the ~~first~~ third servo wedge (such as **324**). The read/write channel may read the ~~first~~ third servo wedge before writing the ~~second~~ first (such as ~~322~~ 320) and ~~third~~ second servo wedges (such as ~~320~~ 322). The read/write channel may read the ~~first~~ second servo wedge (such as **322**) after writing the ~~second~~ first servo wedge (such as ~~324~~ 320) but before writing the third servo wedge (such as ~~320~~ 324). The read/write channel may read the first servo wedge (such as **320**) ~~after~~ **before** writing the second (such as **322**) and third servo wedges (such as **324**).

The disc drive (such as **100**) may also include an actuator (such as **110**) for positioning the head (such as **118**) and may include a processor (such as **142**) in communication with the read/write channel (such as **146**). The processor may be configured to find a head offset from the read/write channel reading the ~~first~~ third servo wedge (such as **324**), and the processor may be further configured to cause the actuator to seek the head one track after the ~~second~~ first (such as ~~322~~ 320) and ~~third~~ second servo wedges (such as ~~320~~ 322) have been written for all sector positions (such as **302, 304**) of a track, and further configured to cause the read/write channel to switch to a different

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order of reading and writing for each sector position after reading the ~~first~~ servo wedge and writing ~~second and third~~ two or more servo wedges according to a first order for a number of tracks equal to the head offset.